

ABSTRACT OF THE DISCLOSURE

The present invention relates a linear compressor. A stator of the linear compressor includes a core provided with an opening at outside thereof, two extended parts extended inward from both ends of the opening of the core to cover portions of the opening and to be spaced apart from each other, and a coil wound in a space inside the two extended parts and a space between the two extended parts. That is, since the coil is wound in the space between the two extended parts, a magnetic flux generated around the coil is increased, so that an impellant force of a mover is increased. Accordingly, performance of the linear compressor is improved.

15

20

25

11